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UNITED STATES DEPARTMENT OF AGRICULTURE
U.S. Food Distribution Administration

Washington, D. C.

Quality of the 1942-43 Upland Cotton Crop
and Supply

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April 27, 1943
U. S. Department of Agriculture

The grade and staple length of the 1942-43 upland crop and the supply of upland cotton are shown in a preliminary report released today by the Department of Agriculture.

Of the total supply of about 22,840,000 bales reported, approximately 12,364,000 bales were produced this season and 10,476,000 bales were carried over from the previous season. Upland cotton requirements in the 1942-43 season are expected to total about 12,300,000 bales, leaving a prospective carry-over as of August 1, 1943, of a little more than 10,500,000 bales.

Although the total supply of upland cotton is more than adequate to meet domestic and foreign needs for the current season and the early part of the 1943-44 season, the supply of higher grades is insufficient to furnish as much of some of these qualities as was used in 1941-42. The supply of Middling and better cotton is about 1,250,000 bales smaller this season than in 1941-42, despite the increase of about 400,000 bales in the total supply for the current season. Considerable shifting from Middling and higher grade cotton to Strict Low Middling and lower is needed in order to conserve an adequate supply of the higher qualities for war and essential civilian uses.

The grade index of the 1942-43 crop is 95.0 against 94.1 -- the lowest on record -- in the preceding season. As compared with 7 percent last season, approximately 8 percent of the 1942-43 crop was reduced in grade because of rough preparation. The average staple length of the crop was approximately one inch, or about the same as for 1941-42.

The supply of upland cotton for the 1942-43 season consists of cotton on hand August 1, 1942, and the 1942 crop. The actual quantity of cotton on hand at any given time during the season varies with the amount of the carry-over and the crop that has been consumed and exported, and the quantity of the crop remaining to be ginned. During the last two seasons more high grade cotton has moved into consumption than was produced, whereas low grade cotton has moved much more slowly. The result is a proportionately large quantity of low grades in the supply and carry-over, especially in the shorter staple lengths. The proportion of low grades in the 1943 carry-over is expected to be considerably higher than in the 1942 crop.

The grade index of the supply for the current season is 94.5, against 95.4 in 1941-42. The staple length for the 1942-43 supply averages 31.4 thirty-second inches, or about the same as for last season.

The quantities of the different grades and staple lengths shown in the attached table for the 1942-43 crop may be compared in detail with those for the 1941-42 crop published in Cotton Quality Statistics, United States, 1941-42. This publication is available upon request.

2. The second part is a detailed account of the work done during the year.

3. The third part is a summary of the work done during the year.

4. The fourth part is a summary of the work done during the year.

5. The fifth part is a summary of the work done during the year.

6. The sixth part is a summary of the work done during the year.

7. The seventh part is a summary of the work done during the year.

8. The eighth part is a summary of the work done during the year.

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Supply 1/ of upland cotton by grade and staple length, in inches, United States, 1942-43 (preliminary)

Grade	13/15 & shorter	7/8	29/32	15/16	31/32	1	1-1/32	1-1/16	1-3/32	1-1/8	1-5/32	1-3/16	1-7/32	1-1/4 & longer	All lengths
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Percent
Extra white:															
3-0-M.....	-	52	-	1,856	272	10	1,122	8,372	20,202	5,104	372	88	9	-	35,551
4-8-M.....	-	-	29	1,856	6,228	922	18,054	64,651	167,773	66,551	9,444	1,207	192	1,218	339,640
5-M.....	-	-	24	258	7,556	745	28,068	66,785	121,397	77,524	9,841	928	167	763	314,938
6-8-L-M.....	-	-	209	11,294	14,906	2,009	14,781	17,963	39,921	10,745	4,289	259	57	2,118	127,347
7-L-M.....	-	-	702	3,323	6,407	2,482	8,577	5,070	3,588	489	57	123	-	-	35,780
8-S-O.....	-	-	320	3,411	2,389	1,008	1,652	733	202	43	-	47	-	-	12,098
9-O-O.....	-	-	26	569	337	189	82	97	-	-	-	16	-	-	2,756
Total.....	1,052	18,724	1,310	20,811	38,095	7,365	72,336	163,671	353,083	160,468	24,003	2,668	425	4,099	868,110
White:															
1-M-F.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-8-O-M.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-0-M.....	-	-	55	8,332	13,418	28	13,418	11,039	137	-	10	12	-	-	786
4-8-M.....	-	-	4,326	63,966	202,829	12,033	13,418	248,819	105,565	5,920	835	1,318	406	3,016	80,520
5-M.....	-	-	330,148	669,905	1,097,024	641,312	1,263,329	903,713	410,216	246,313	125,200	31,951	11,816	42,159	1,479,194
6-8-L-M.....	-	-	479,574	741,126	1,184,966	660,692	1,133,229	756,231	307,136	166,863	78,833	72,155	38,512	76,012	6,752,330
7-L-M.....	-	-	370,656	439,867	294,274	404,492	294,274	176,590	54,661	27,993	9,243	32,943	12,090	25,780	6,644,587
8-S-O.....	-	-	99,745	156,414	67,231	89,845	67,231	32,837	6,948	2,649	754	3,874	1,475	3,000	2,377,678
9-O-O.....	-	-	28,305	43,330	10,998	11,439	10,998	4,690	422	439	132	347	149	175	714,655
Total.....	861,466	1,973,447	1,140,434	2,178,292	3,061,393	1,791,929	3,042,791	2,134,056	892,541	533,812	251,095	143,282	64,719	150,495	18,219,752
Spotted:															
3-0-M.....	-	-	5,722	10,257	8,261	5,207	8,863	6,735	7,143	1,215	128	113	125	166	79,809
4-8-M.....	-	-	155,368	193,949	127,898	101,508	102,589	56,879	27,292	6,537	1,663	1,308	964	2,673	1,148,965
5-M.....	-	-	171,065	227,690	138,528	114,466	92,268	52,569	18,670	4,342	1,388	785	435	2,179	1,312,165
6-8-L-M.....	-	-	59,031	111,465	51,389	38,118	30,151	18,714	3,815	1,125	337	381	153	852	566,553
7-L-M.....	-	-	13,252	43,970	25,682	16,168	12,116	4,796	722	163	171	105	48	166	298,770
Total.....	502,359	810,347	407,438	587,331	351,758	275,467	245,987	139,711	57,642	13,482	3,687	2,692	1,725	6,036	3,405,662
Tinged:															
3-0-M.....	-	-	99	382	624	263	422	379	93	18	13	28	-	-	3,155
4-8-M.....	-	-	1,537	5,214	3,359	1,167	1,633	2,978	827	149	3	31	-	-	25,399
5-M.....	-	-	1,520	7,848	4,085	1,502	1,660	3,133	617	397	146	67	1	-	35,914
6-8-L-M.....	-	-	1,292	6,824	4,335	1,601	1,102	828	323	416	294	-	-	31	31,303
7-L-M.....	-	-	907	8,920	5,000	1,070	1,168	722	331	228	55	-	9	-	38,283
Total.....	20,952	37,447	5,355	29,188	17,407	5,603	5,985	8,040	2,191	1,208	511	126	10	31	134,054
Yellow stained:															
3-0-M.....	-	-	64	4	-	28	2	10	-	-	-	-	-	-	109
4-8-M.....	-	-	1,129	164	10	64	47	1	-	-	-	-	-	-	1,626
5-M.....	-	-	2,672	384	308	57	47	288	112	137	41	117	-	-	4,777
Total.....	683	3,865	117	552	318	149	96	299	112	163	41	117	-	-	6,512
Gray:															
3-0-M.....	-	-	27	22	559	48	716	1,887	1,314	173	44	-	-	90	4,892
4-8-M.....	-	-	440	2,025	11,367	2,484	12,490	20,444	12,103	1,720	764	434	186	297	65,152
5-M.....	-	-	438	2,487	18,297	4,002	17,946	23,028	11,107	1,954	409	903	146	333	81,651
Total.....	194	953	749	4,534	30,223	6,534	31,152	45,559	24,524	3,847	1,217	1,337	332	720	151,675
Below grade....	18,644	11,272	1,055	10,625	6,765	1,343	1,154	1,570	44	195	59	51	9	82	53,068
All grades....	1,405,550	2,856,055	1,556,458	2,831,333	3,399,501	2,492,706	1,330,137	280,613	150,273	713,175	280,613	67,220	161,463	22,838,833 2/	100.0
All grades....															
Percent	6.2	12.5	6.8	12.4	15.4	9.1	14.9	10.9	5.8	3.1	1.2	.7	.3	.7	100.0
Grade index.....															
Average staple length.....															
Grade index.....															
Average staple length.....															

1/ Carry-over Aug. 1, 1942, plus ginnings from 1942-43 crop.

2/ As reported by the Bureau of the Census, running bales, lintners excluded.

* Less than 0.05 percent.

Food Distribution Administration, Cotton and Fiber Branch

Grade and staple length, in inches, of upland cotton ginned in United States, crop of 1942 (preliminary)

Grade	13/16 & shorter	7/8	29/32	15/16	31/32	1	1-1/32	1-1/16	1-1/8	1-5/32	1-3/16	1-1/4 & longer	All lengths
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Percent
Extra White:													
3-G.M.....	-	-	-	-	48	52	10,619	4,217	2,497	320	88	9	20,736
4-S.M.....	-	-	-	233	355	1,079	10,619	32,908	31,716	5,181	735	154	199,423
5-M.....	-	84	203	1,708	1,910	4,307	21,180	29,297	43,729	6,083	700	133	205,128
6-S.L.M.....	51	311	626	2,585	2,070	8,638	3,011	3,549	8,928	1,012	209	41	78,052
7-L.M.....	185	1,509	626	2,585	2,070	3,730	3,301	3,549	4,233	40	123	-	21,568
8-S.O.O.....	287	1,496	219	2,389	861	1,943	1,456	433	41	-	47	-	9,340
9-G.O.....	196	473	23	414	159	280	79	20	-	-	16	-	1,660
Total.....	719	3,873	1,088	7,377	5,420	20,029	45,786	84,717	87,334	12,636	1,918	353	535,907
White:													
1-M.F.....	-	-	-	-	64	43	-	11	-	-	-	-	-
2-S.O.M.....	-	-	-	1,818	1,158	2,306	3,005	2,363	-	10	12	-	251
3-G.M.....	813	1,729	1,509	55,977	52,531	92,611	134,221	112,855	28,675	11,860	455	217	1,428
4-S.M.....	10,410	31,636	36,770	366,660	442,022	739,098	890,521	652,903	147,584	57,447	9,823	6,382	1,428
5-M.....	49,656	154,478	192,889	393,653	451,196	718,915	798,085	524,890	109,187	35,283	17,880	22,145	21,042
6-S.L.M.....	85,057	223,549	225,089	182,870	146,395	212,445	184,274	89,383	12,059	4,100	2,091	9,728	48,730
7-L.M.....	79,640	161,648	111,236	66,694	31,534	63,881	40,843	15,059	1,217	412	394	187	18,603
8-S.O.O.....	50,842	52,676	21,067	29,481	6,636	22,741	8,791	3,484	160	127	328	148	1,552
9-G.O.....	20,879	15,460	3,420	29,481	1,131,491	1,852,040	2,059,761	1,400,948	299,382	109,491	64,600	39,684	1,217,562
Total.....	297,297	641,176	592,000	1,097,217	1,131,491	1,852,040	2,059,761	1,400,948	617,913	285	285	148	348,273
Spotted:													
3-G.M.....	4,185	6,393	4,290	3,629	1,772	2,501	3,244	4,268	1,012	128	107	125	38,399
4-S.M.....	46,927	84,252	66,809	60,565	68,019	88,095	69,635	33,942	4,520	1,299	1,203	351	2,614
5-M.....	77,624	115,183	59,835	66,622	55,308	69,231	52,545	24,616	1,865	952	572	358	567,635
6-S.L.M.....	56,035	47,009	17,042	27,418	12,787	15,067	11,884	5,046	328	136	223	62	2,060
7-L.M.....	39,629	12,264	2,203	9,008	2,055	4,363	2,513	1,117	82	67	59	48	761
Total.....	224,400	265,101	150,179	187,242	139,941	179,257	139,821	68,989	7,807	2,582	2,164	1,524	195,260
Tinged:													
3-G.M.....	8	10	-	34	17	40	66	86	10	-	-	-	312
4-S.M.....	72	113	70	283	172	471	350	228	-	-	-	-	1,876
5-M.....	341	383	167	342	118	225	128	119	-	-	-	-	1,993
6-S.L.M.....	700	1,007	139	759	180	335	212	88	11	-	-	-	3,431
7-L.M.....	1,118	1,248	95	1,412	222	321	231	102	9	-	-	9	4,767
Total.....	2,239	2,761	471	2,830	709	1,392	987	623	30	-	10	9	12,379
Yellow Stained:													
3-G.M.....	-	-	-	-	-	-	-	-	-	-	-	-	-
4-S.M.....	-	-	-	-	-	-	-	-	-	-	-	-	-
5-M.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:													
3-G.M.....	-	-	10	11	10	244	449	951	39	-	-	10	2,799
4-S.M.....	9	93	103	569	1,465	5,401	7,394	12,684	548	87	20	18	37,006
5-M.....	14	223	203	1,345	2,328	8,389	10,505	16,004	697	67	-	11	47,970
Total.....	23	316	316	1,925	3,803	14,034	18,348	29,619	1,284	154	20	60	87,775
Below grade....	4,845	4,155	330	5,859	783	2,908	865	397	75	59	51	9	20,366
All grades....	529,523	917,398	744,364	1,302,488	1,282,147	2,069,673	2,265,588	1,585,302	396,512	124,922	68,763	41,639	12,363,823
Percent													
All grades....	4.3	7.4	6.0	10.5	10.4	16.7	18.4	12.8	3.2	1.0	.6	.3	100.0

1/ As reported by the Bureau of the Census, running bales, linters excluded.

* Less than 0.05 percent.

Food Distribution Administration, Cotton and Fiber Branch

Percentage rough preparation... 8.0
Grade Index..... 95.0
Average staple length..... 31.9

